PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

Application or Docket Number

10,601140

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	*140*	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	*260* minus 20 =	* *240*
INDEPENDENT CLAIMS	*8* minus 3 =	* *5*
MULTIPLE DEPENDENT CLAIM PRESENT		☒

SMALL ENTITY TYPE ☐ OR OTHER THAN SMALL ENTITY

RATE	FEE		RATE	FEE
BASIC FEE	385.00	OR	BASIC FEE	770.00
X$ 9=	*2160*	OR	X$18=	
X43=	*215*	OR	X86=	
+145=	*145*	OR	+290=	
TOTAL	*2905*	OR	TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

SMALL ENTITY OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Attorney Docket No. 57764 (71994)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Kauppinen, et al.	**CONFIRMATION:**	6647
U.S.S.N.:	10/601,140	**GROUP ART UNIT:**	1645
FILED:	June 20, 2003	**EXAMINER:**	Not yet assigned
FOR:	METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A NUCLEOTIDE SEQUENCE		

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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited as First Class Mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 17, 2003.

By: _Rachelle Chery_
Rachelle Chery

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Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

PRELIMINARY AMENDMENT IN RESPONSE TO NOTICE UNDER 37 CFR §§1.821-825

Sir:

In response to the Notice To File Missing Parts Of Nonprovisional Application mailed November 5, 2003, please amend the application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 19 of this paper.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (amended) A method for detecting and/or isolating a target nucleic acid molecule having a homopolymeric sequence comprising:

    treating a sample containing nucleic acid molecules [compounds] with an LNA oligonucleotide to thereby detect and/or isolate a nucleic acid molecule having said homopolymeric sequence

2.   (amended) A method for detecting and/[orisolating] or isolating a target nucleic acid molecule having a repetitive element comprising:

    treating a sample containing nucleic acid molecules [compounds] with an LNA oligonucleotide to thereby detect and/or isolate a nucleic acid molecule having the repetitive element.

3.   (original) A method for detecting and/or isolating a target nucleic acid molecule having a conserved nucleotide sequence comprising:

    treating a sample containing nucleic acid molecules [compounds] with an LNA oligonucleotide to thereby detect and/or isolate a nucleic acid molecule having the conserved nucleotide sequence

4.   (original) The method of any one of claims 1 to 3 wherein a sample comprising the nucleic acid molecules is treated with a lysing buffer comprising a chaotropic agent to lyse cellular material in the sample.

5.   (amended) The method of any one of claims 1 to 3[4] wherein the LNA oligonucleotide [capture probe] is covalently attached to a solid support.